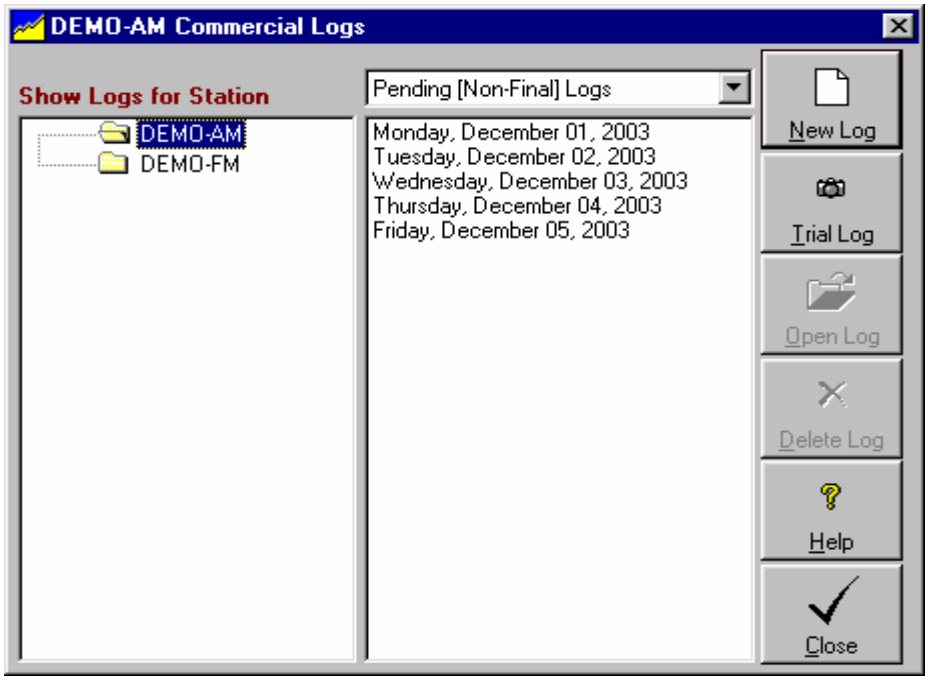
Chapter 6 - Commercial Logs

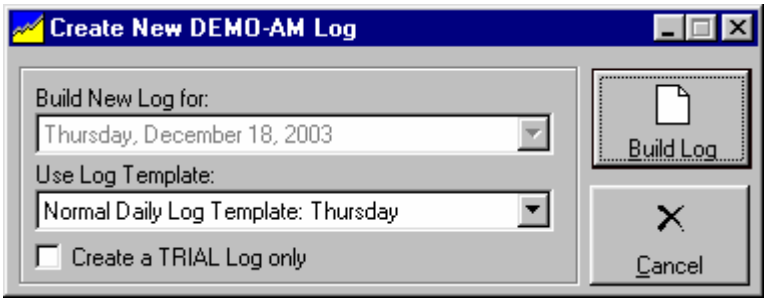
At the Natural Log main screen, select **[Logs]**. This section of the Natural Log system allows you to generate and edit Logs. These logs can be printed for a live DJ's use or converted into Automation Logs if you are using an Automation system.

Note: You can't create a log for a station for a day until you have first created a default Normal Daily Log Template for that weekday (Monday-Sunday) for that station so NL8 knows where your commercial avails are scheduled. See Creating Log Templates in Chapter 5.



Create New Log

Click **[Logs] [New Log]**. This generates a new Log for a day. Please note that these New "real" Logs must be generated in chronological order such as 01-01-99 then 01-02-99, etc. After the new log is created it is automatically loaded into the Log Editor where it may be edited, printed, and converted into an automation log.



Create Trial Log

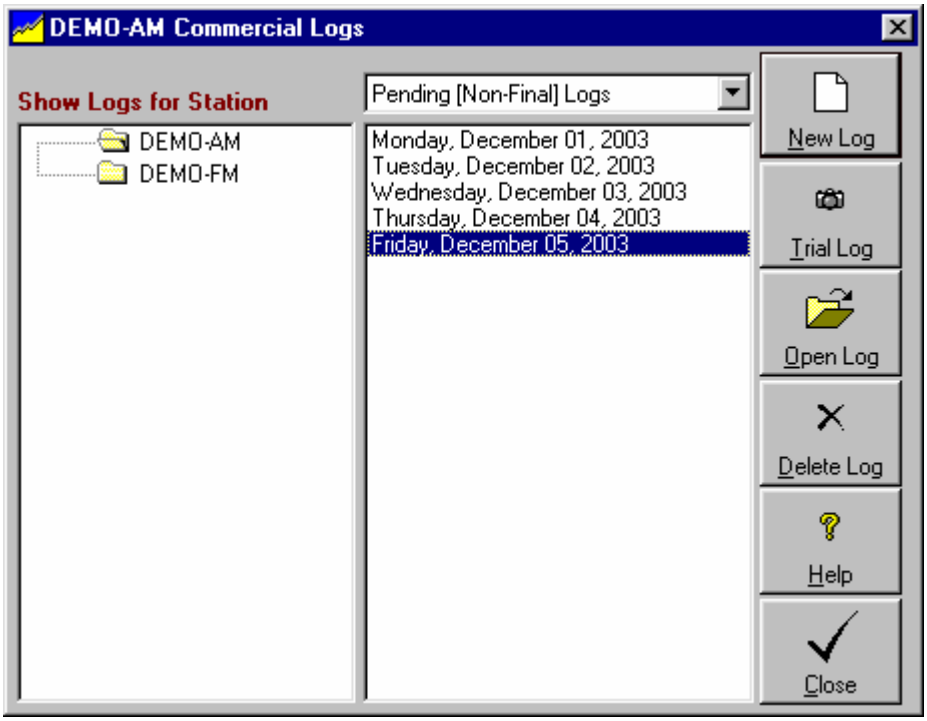
Click **[Logs] [Trial Log]**. This generates a Trial Log for any day in the future. Copy rotators are not affected. After the trial log is created it is automatically loaded into the Log Editor where it may be viewed but not edited.

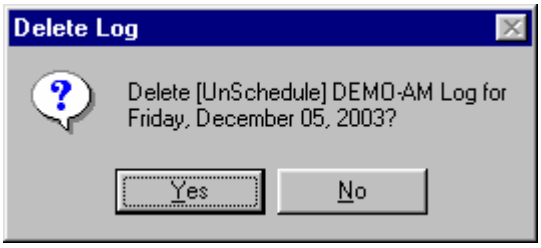
Chapter 6 - Commercial Logs

Delete [Unschedule] Logs

Click **[Logs]** and select an existing Log. Then click **[Delete]** to unschedule an existing Log.

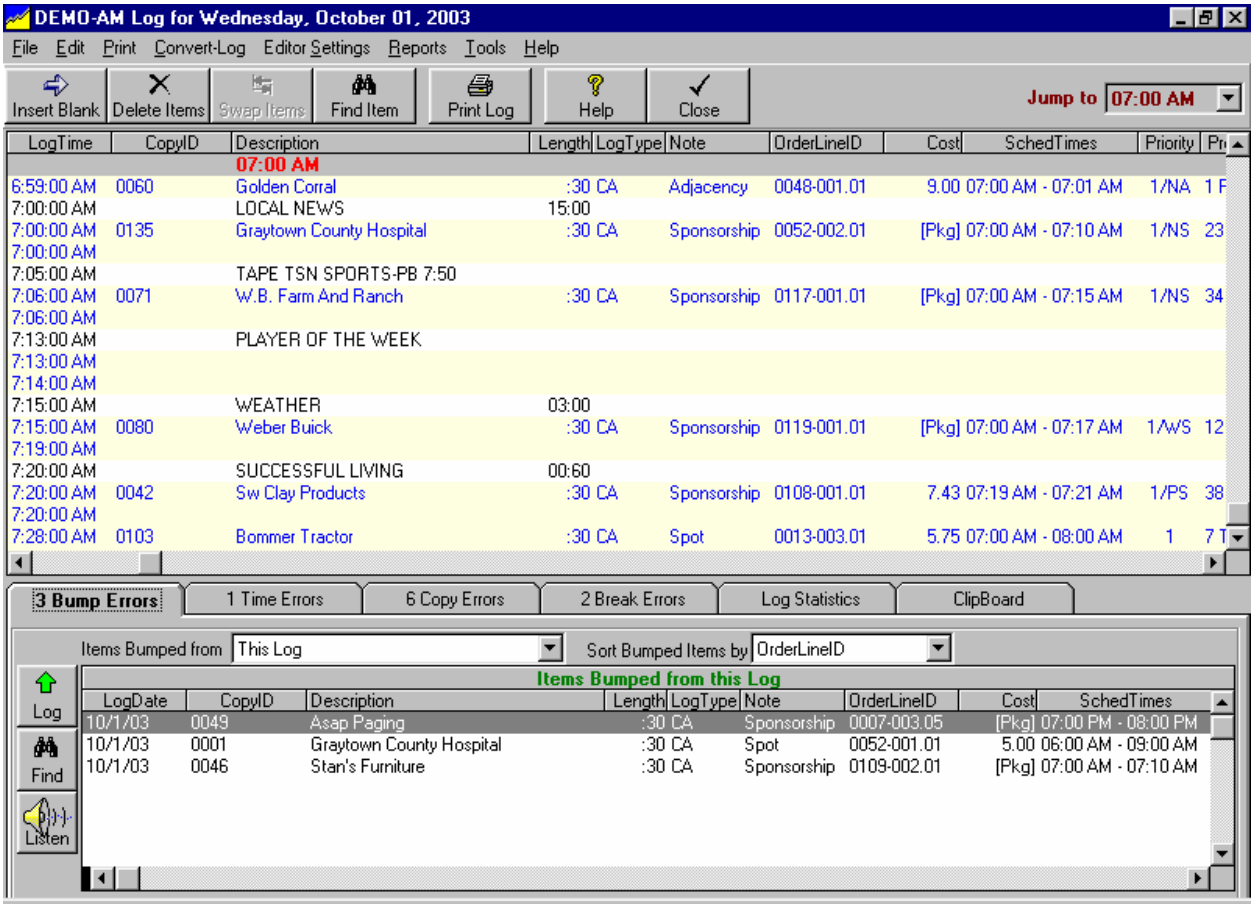
- Logs must be deleted in the reverse order that they were generated to be sure the Copy Rotators are restored to their original order. That is, the last Log should be rejected first so that the Copy Rotators will be properly restored.





6.01 Log Editor

At the Natural Log main screen, select **[Logs]**. Select an existing Log and then click **[Open]**.


DEMO-AM Log for Wednesday, October 01, 2003
File Edit Print Convert-Log Editor Settings Reports Tools Help
Insert Blank
Delete Items
Swap Items
Find Item
Print Log
Help
Close
Jump to 07:00 AM
LogTime CopyID Description Length LogType Note OrderLineID Cost SchedTimes Priority
07:00 AM
6:59:00 AM 0060 Golden Corral :30 CA Adjacency 0048-001.01 9.00 07:00 AM - 07:01 AM 1/NA
7:00:00 AM LOCAL NEWS 15:00
7:00:00 AM 0135 Graytown County Hospital :30 CA Sponsorship 0052-002.01 [Pkg] 07:00 AM - 07:10 AM 1/NS
7:00:00 AM
7:05:00 AM TAPE TSN SPORTS-PB 7:50
7:06:00 AM 0071 W.B. Farm And Ranch :30 CA Sponsorship 0117-001.01 [Pkg] 07:00 AM - 07:15 AM 1/NS
7:06:00 AM
7:13:00 AM PLAYER OF THE WEEK
7:13:00 AM
7:14:00 AM
7:15:00 AM WEATHER 03:00
7:15:00 AM 0080 Weber Buick :30 CA Sponsorship 0119-001.01 [Pkg] 07:00 AM - 07:17 AM 1/WS
7:19:00 AM
7:20:00 AM SUCCESSFUL LIVING 00:60
7:20:00 AM 0042 Sw Clay Products :30 CA Sponsorship 0108-001.01 7.43 07:19 AM - 07:21 AM 1/PS
7:20:00 AM
7:28:00 AM 0103 Bommer Tractor :30 CA Spot 0013-003.01 5.75 07:00 AM - 08:00 AM 1
3 Bump Errors
1 Time Errors
6 Copy Errors
2 Break Errors
Log Statistics
ClipBoard
Items Bumped from This Log
Sort Bumped Items by OrderLineID
Items Bumped from this Log
Log
Find
Listen
LogDate CopyID Description Length LogType Note OrderLineID Cost SchedTimes
10/1/03 0049 Asap Paging :30 CA Sponsorship 0007-003.05 [Pkg] 07:00 PM - 08:00 PM
10/1/03 0001 Graytown County Hospital :30 CA Spot 0052-001.01 5.00 06:00 AM - 09:00 AM
10/1/03 0046 Stan's Furniture :30 CA Sponsorship 0109-002.01 [Pkg] 07:00 AM - 07:10 AM

Changing the Log Editor Display

You can adjust the split between the upper Log window and the lower Log Diagnostics window by dragging the bottom of the log window up or down. NL8 remembers where you last placed the divider. You can return to default log display by selecting**[Editor Settings][Restore Default Settings]**.

You can select which log item properties [columns] are displayed on the Log Editor screen by selecting **[Editor Settings][Columns]** from the menu on the Log Editor. Then add or remove the desired columns to be displayed, click **[Apply]**, and the Log Editor will display only your selected columns. You can adjust the column widths by dragging the column dividers left or right and NL8 will remember these column choices and widths in the future.

If you prefer not to see the avails information displayed in the left column, click **[Editor Settings][Hide Avails].** NL8 will remember this menu setting until you change it again.

Note: The Log Editor display settings are set separately for each station if you are using a multi-station version of NL8.

Continued on next page

6.01 Log Editor (cont)

Selecting Items on the Log

To highlight (select) more than one line on the log for some action (such as cut-and-paste), use the **Ctrl][Left-Click]** keys simultaneously on each individual line or hold the right mouse button down while you move the mouse over the lines to be selected.

Printing the Log

In the Log Editor, click **[Print] [Log]** in the Log Editor to print your Log. See Log Page Setup to design the printed Log Page. **[Print][Preview Log]** displays on-screen a preview of the way the printed log will look. You can also print the Log Diagnostics that includes the contents of the Time Errors, Copy Errors, and Break Errors tabs.

Log Edit Menu

In the Log Editor, the Edit menu can be displayed by **[Right-Clicking]** on any logged item. This menu has many useful commands such as:

- **Clipboard Commands** Cut, Copy, and Paste
- **Log Item Commands** Add, Edit, Swap, Delete, Insert Blank Line(s), Find
- **View Commands** OrderLine, History-PlayTimes, Listen
- **Item Activity Log** Shows user changes to this log item

Rearranging Items on the Log

In the Log Editor, you may drag and drop items from one place on the Log to another by holding the left mouse button down until you have moved the item to where you'd like it to appear. When you release the mouse button, the item will drop into that slot. If you drop it onto an existing item, that item [and all following items up to the first blank line] will be pushed down a line to accommodate the moved item.

Swapping Items on Log

In the Log Editor, you can use the **[Ctrl]** key combined with **[Left-Click]** of the mouse to highlight 2 items to automatically swap log positions. Then click **[Edit][Swap Log Items]** to automatically swap the items' positions on the log. This only works when you have exactly 2 lines highlighted using **[Ctrl][Left-Click]**.

Inserting/Deleting Lines on Log

In the Log Editor, to add a blank line into the Log, highlight the spot where you'd like it to appear and click on the menu **[Edit][Insert Blank Line(s)]** or **[Edit][Delete Line(s)]**.

Undo Log Edit

In the Log Editor, you may click **[Edit][UnDo]** to reverse the most recent Log edit.

Search for Items on Log

In the Log Editor, click **[Find]** to search for any logged item.

6.01 Log Editor (cont)

Inserting Bumped Items onto Log

In the Log Editor, the Bump Errors list includes all items NL was unable to log due to rule violations plus any items you delete from the log. You may drag-and-drop items from the "Bump Errors" window by **[Left-Clicking]** and holding the button down until you have moved the Item to where you'd like it to appear. When you release the mouse button, the item will drop into that slot. If you drop it onto an existing item, that item [and all following items up to the first blank line] will be pushed down a line to accommodate the moved item. You can also highlight an item in the Bump Errors window and click **[Place]** to put that item at the currently-highlighted position on the log. See hiding bumped items below to remove bumped items from the display without logging them.

Hiding Bumped Items

[Right-click] on the bumped item list to get a popup menu on which you can **[Hide Bumped Item]** to remove the highlighted bumped item from the list. This is useful if some bumped items don't need to be logged [such as promos, bonus spots, etc.] and you want to remove them from the bumped item list. This is equivalent to deleting the item from the bumped item list, however you can later select **[Show Hidden Bumped Items]** to view all items that were in the bump list but have been hidden. **Do NOT hide items unless you want to remove them from the bumped item list!** If you change your mind you can also **[UnHide]** the items to return them to the bumped item list.

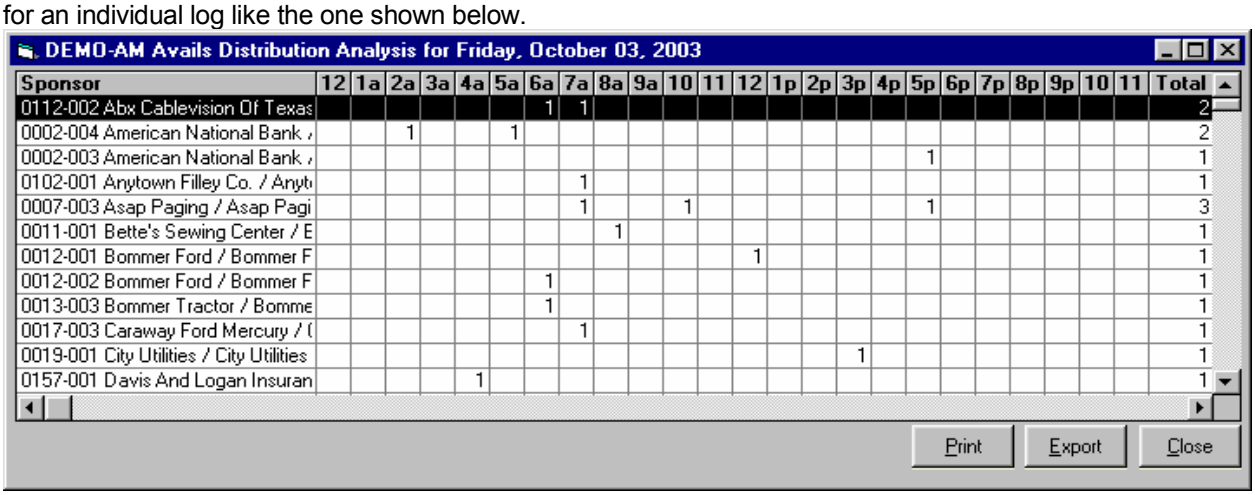
Charging [Finalizing] Logs

Charging the log is what causes the billable items on the log to be attached the customers' invoices. To create final invoices, logs must be charged through the last day of the month being billed. Logs can be charged individually in the Log Editor using the **[File] [Finalize Log & Charge to Invoices]** or multiple logs can be charged from the Billing section.

Note: After a log is charged, it is considered a "final" log and may no longer be edited. Items may still be edited from the invoice but not on a log after it is charged. For this reason, we highly recommend you not charge logs until after you have verified that the items on the log ran as scheduled (See Reconciling Automation Play Log in section 6.06 of this manual].

Log Reports

In the Log Editor, click **[Reports]** to generate a Report for the log displayed in the Log Editor. These reports include summary totals by customer / order, log detail report, and log report by scheduled time for one log or multiple logs. See Log Reports. You can also view a grid-type report showing an "avails distribution analysis" for an individual log like the one shown below.

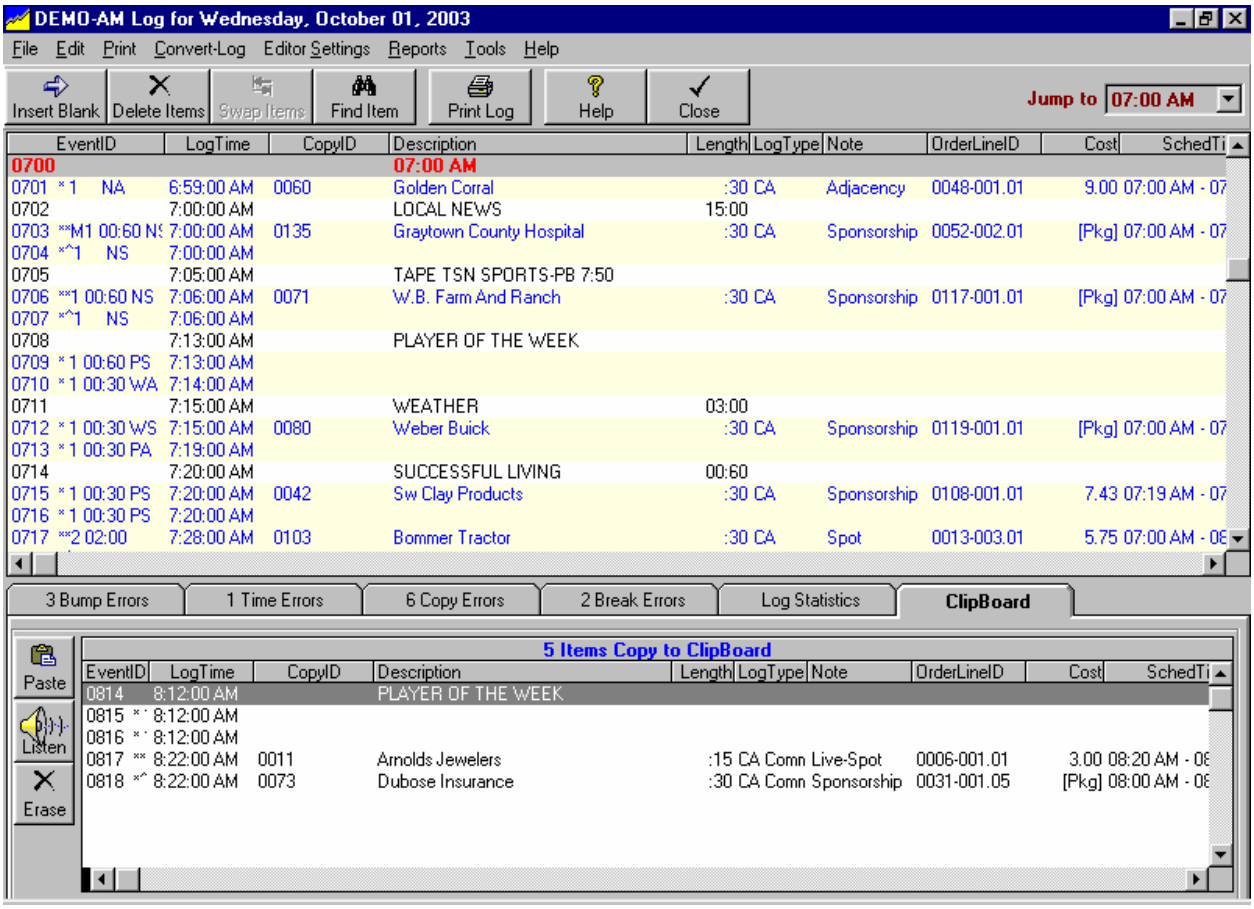


Sponsor	12	1a	2a	3a	4a	5a	6a	7a	8a	9a	10	11	12	1p	2p	3p	4p	5p	6p	7p	8p	9p	10	11	Total
0112-002 Abx Cablevision Of Texas							1	1																	2
0002-004 American National Bank /			1			1																			2
0002-003 American National Bank /																		1							1
0102-001 Anytown Filley Co. / Anyt								1																	1
0007-003 Asap Paging / Asap Pagi								1			1							1							3
0011-001 Bette's Sewing Center / E									1																1
0012-001 Bommer Ford / Bommer F													1												1
0012-002 Bommer Ford / Bommer F							1																		1
0013-003 Bommer Tractor / Bomme							1																		1
0017-003 Caraway Ford Mercury / (								1																	1
0019-001 City Utilities / City Utilities																1									1
0157-001 Davis And Logan Insuran					1																				1

6.02 Log Editor ClipBoard

ClipBoard - Cutting and Pasting Log

In the Log Editor, the ClipBoard is just a temporary container to allow you to hold items while cutting, copying, or pasting items on the Log. The ClipBoard is a temporary container to hold items while cutting, copying, and pasting on the Log. **Warning**: Pasting the clipboard into the log does not push existing items down the log to accommodate the pasted items. Instead, the pasted items replace any preexisting items on the log in the area pasted into. Any overwritten billable items are moved to the bumped item list, any text lines are deleted.


DEMO-AM Log for Wednesday, October 01, 2003
File Edit Print Convert-Log Editor Settings Reports Tools Help
Insert Blank
Delete Items
Swap Items
Find Item
Print Log
Help
Close
Jump to 07:00 AM
EventID LogTime CopyID Description Length LogType Note OrderLineID Cost SchedTi
0700 07:00 AM
0701 * 1 NA 6:59:00 AM 0060 Golden Corral :30 CA Adjacency 0048-001.01 9.00 07:00 AM - 07
0702 7:00:00 AM LOCAL NEWS 15:00
0703 **M1 00:60 NS 7:00:00 AM 0135 Graytown County Hospital :30 CA Sponsorship 0052-002.01 [Pkg] 07:00 AM - 07
0704 *^1 NS 7:00:00 AM
0705 7:05:00 AM TAPE TSN SPORTS-PB 7:50
0706 **1 00:60 NS 7:06:00 AM 0071 W.B. Farm And Ranch :30 CA Sponsorship 0117-001.01 [Pkg] 07:00 AM - 07
0707 *^1 NS 7:06:00 AM
0708 7:13:00 AM PLAYER OF THE WEEK
0709 * 1 00:60 PS 7:13:00 AM
0710 * 1 00:30 WA 7:14:00 AM
0711 7:15:00 AM WEATHER 03:00
0712 * 1 00:30 WS 7:15:00 AM 0080 Weber Buick :30 CA Sponsorship 0119-001.01 [Pkg] 07:00 AM - 07
0713 * 1 00:30 PA 7:19:00 AM
0714 7:20:00 AM SUCCESSFUL LIVING 00:60
0715 * 1 00:30 PS 7:20:00 AM 0042 Sw Clay Products :30 CA Sponsorship 0108-001.01 7.43 07:19 AM - 07
0716 * 1 00:30 PS 7:20:00 AM
0717 **2 02:00 7:28:00 AM 0103 Bommer Tractor :30 CA Spot 0013-003.01 5.75 07:00 AM - 08
3 Bump Errors
1 Time Errors
6 Copy Errors
2 Break Errors
Log Statistics
ClipBoard
5 Items Copy to ClipBoard
Paste
Listen
Erase
EventID LogTime CopyID Description Length LogType Note OrderLineID Cost SchedTi
0814 8:12:00 AM PLAYER OF THE WEEK
0815 * 8:12:00 AM
0816 * 8:12:00 AM
0817 ** 8:22:00 AM 0011 Arnolds Jewelers :15 CA Comn Live-Spot 0006-001.01 3.00 08:20 AM - 08
0818 *^ 8:22:00 AM 0073 Dubose Insurance :30 CA Comn Sponsorship 0031-001.05 [Pkg] 08:00 AM - 08

You can select multiple contiguous lines in the log by slowly dragging your mouse over the item(s) while holding the **[Right]** mouse button. You may select multiple non-contiguous lines on the log by using the **[Ctrl][Left-Click]** mouse buttons simultaneously to toggle between highlight and non-highlight of a log line.

- You may then click **[Edit][Cut to ClipBoard]** to move the selected items to the ClipBoard.
- Click **[Edit][Copy to ClipBoard]** to copy the selected items to the ClipBoard.
- If you have items on the ClipBoard, you may click **[Edit][Paste from ClipBoard]** to insert all items currently on the ClipBoard onto the Log at the current Log position.
- Any **Cuts** or **Copies** from the Log will clear any existing items from the ClipBoard before the cut or copied items are placed on the ClipBoard. These deleted clipboard items [if **cut** from the log] will be added to the Bump Error list so they are not lost.
- You may Drag-and-Drop individual items from the ClipBoard onto the Log or you may **Paste** the entire contents of the ClipBoard into current selected Log position.

6.03 Log Editor Diagnostics

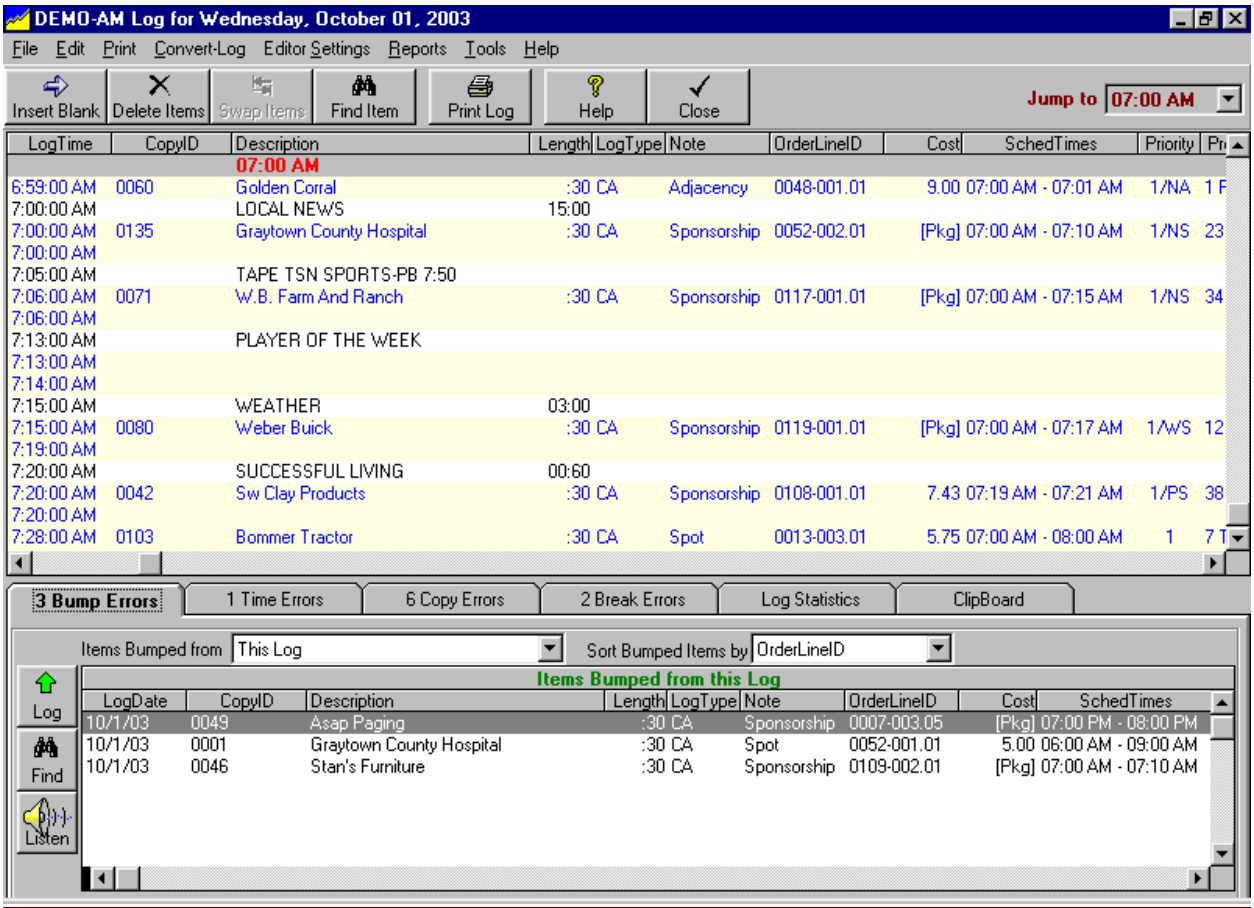
Bump Errors Tab

In the Log Editor, the Bump Errors list includes all items NL was unable to log due to rule violations plus any items you delete from the log. You may drag-and-drop items from the "Bump Errors" window by **[Left-Clicking]** and holding the button down until you have moved the Item to where you'd like it to appear. When you release the mouse button, the item will drop into that slot. If there is already an item at that location, it will be removed from the log and placed in the Bump Errors list. You can also highlight an item in the Bump Errors window and click **[Place]** to put that item at the currently-highlighted position on the log.

Click **[Tools][Log Troubleshooter]** on the Log Editor screen to see the Log TroubleShooter (see section 6.06) to help explain why NL8 did not log an item. Bumped items can be caused by many problems such as:

- Not enough avails on the log template [log is oversold]. See chapter 5 of this manual.
- Product Code protection violation. See sections 3.02 and 2.14 of this manual.
- Customer spot separation violation. See section 3.02 of this manual.
- Order Spot separation violation. See section 3.04 of this manual.

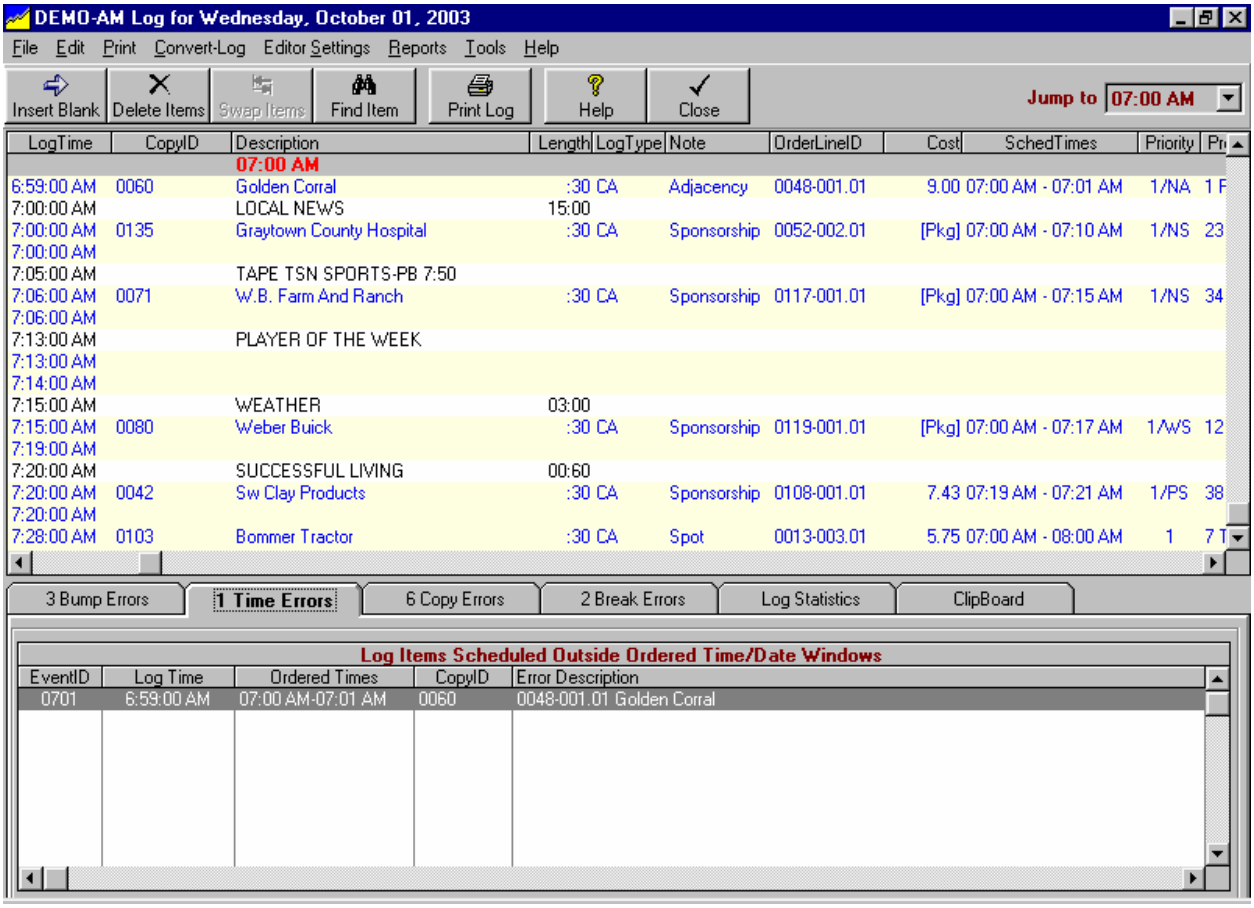
WARNING: If you do not place a "bumped item" on the log before you send the log to your automation system the item will not run. NL8 will assume it did not play and will not invoice for it! NL8 will not automatically schedule extra items on the next log to make up for the unlogged "bumped" items so the order's invoice will be short at end of the billing period!


DEMO-AM Log for Wednesday, October 01, 2003
File Edit Print Convert-Log Editor Settings Reports Tools Help
Insert Blank
Delete Items
Swap Items
Find Item
Print Log
Help
Close
Jump to 07:00 AM
LogTime CopyID Description Length LogType Note OrderLineID Cost SchedTimes Priority
07:00 AM
6:59:00 AM 0060 Golden Corral :30 CA Adjacency 0048-001.01 9.00 07:00 AM - 07:01 AM 1/NA
7:00:00 AM LOCAL NEWS 15:00
7:00:00 AM 0135 Graytown County Hospital :30 CA Sponsorship 0052-002.01 [Pkg] 07:00 AM - 07:10 AM 1/NS
7:00:00 AM
7:05:00 AM TAPE TSN SPORTS-PB 7:50
7:06:00 AM 0071 W.B. Farm And Ranch :30 CA Sponsorship 0117-001.01 [Pkg] 07:00 AM - 07:15 AM 1/NS
7:06:00 AM
7:13:00 AM PLAYER OF THE WEEK
7:13:00 AM
7:14:00 AM
7:15:00 AM WEATHER 03:00
7:15:00 AM 0080 Weber Buick :30 CA Sponsorship 0119-001.01 [Pkg] 07:00 AM - 07:17 AM 1/WS
7:19:00 AM
7:20:00 AM SUCCESSFUL LIVING 00:60
7:20:00 AM 0042 Sw Clay Products :30 CA Sponsorship 0108-001.01 7.43 07:19 AM - 07:21 AM 1/PS
7:20:00 AM
7:28:00 AM 0103 Bommer Tractor :30 CA Spot 0013-003.01 5.75 07:00 AM - 08:00 AM 1
3 Bump Errors
1 Time Errors
6 Copy Errors
2 Break Errors
Log Statistics
ClipBoard
Items Bumped from This Log
Sort Bumped Items by OrderLineID
Log
Find
Listen
Items Bumped from this Log
LogDate CopyID Description Length LogType Note OrderLineID Cost SchedTimes
10/1/03 0049 Asap Paging :30 CA Sponsorship 0007-003.05 [Pkg] 07:00 PM - 08:00 PM
10/1/03 0001 Graytown County Hospital :30 CA Spot 0052-001.01 5.00 06:00 AM - 09:00 AM
10/1/03 0046 Stan's Furniture :30 CA Sponsorship 0109-002.01 [Pkg] 07:00 AM - 07:10 AM

6.03 Log Editor Diagnostics (cont)

Time Errors Tab

In the Log Editor, click the **[Time Errors]** tab to see a list of any items logged outside of their time window. If you double-click on an item on this tab, the log position will move to the item causing the error.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Delete Items
Swap Items
Find Item
Print Log
Help
Close
Jump to 07:00 AM
LogTime CopyID Description Length LogType Note OrderLineID Cost SchedTimes Priority
07:00 AM
6:59:00 AM 0060 Golden Corral :30 CA Adjacency 0048-001.01 9.00 07:00 AM - 07:01 AM 1/NA
7:00:00 AM LOCAL NEWS 15:00
7:00:00 AM 0135 Graytown County Hospital :30 CA Sponsorship 0052-002.01 [Pkg] 07:00 AM - 07:10 AM 1/NS
7:00:00 AM
7:05:00 AM TAPE TSN SPORTS-PB 7:50
7:06:00 AM 0071 W.B. Farm And Ranch :30 CA Sponsorship 0117-001.01 [Pkg] 07:00 AM - 07:15 AM 1/NS
7:06:00 AM
7:13:00 AM PLAYER OF THE WEEK
7:13:00 AM
7:14:00 AM
7:15:00 AM WEATHER 03:00
7:15:00 AM 0080 Weber Buick :30 CA Sponsorship 0119-001.01 [Pkg] 07:00 AM - 07:17 AM 1/WS
7:19:00 AM
7:20:00 AM SUCCESSFUL LIVING 00:60
7:20:00 AM 0042 Sw Clay Products :30 CA Sponsorship 0108-001.01 7.43 07:19 AM - 07:21 AM 1/PS
7:20:00 AM
7:28:00 AM 0103 Bommer Tractor :30 CA Spot 0013-003.01 5.75 07:00 AM - 08:00 AM 1
3 Bump Errors
1 Time Errors
6 Copy Errors
2 Break Errors
Log Statistics
ClipBoard
Log Items Scheduled Outside Ordered Time/Date Windows
EventID Log Time Ordered Times CopyID Error Description
0701 6:59:00 AM 07:00 AM-07:01 AM 0060 0048-001.01 Golden Corral

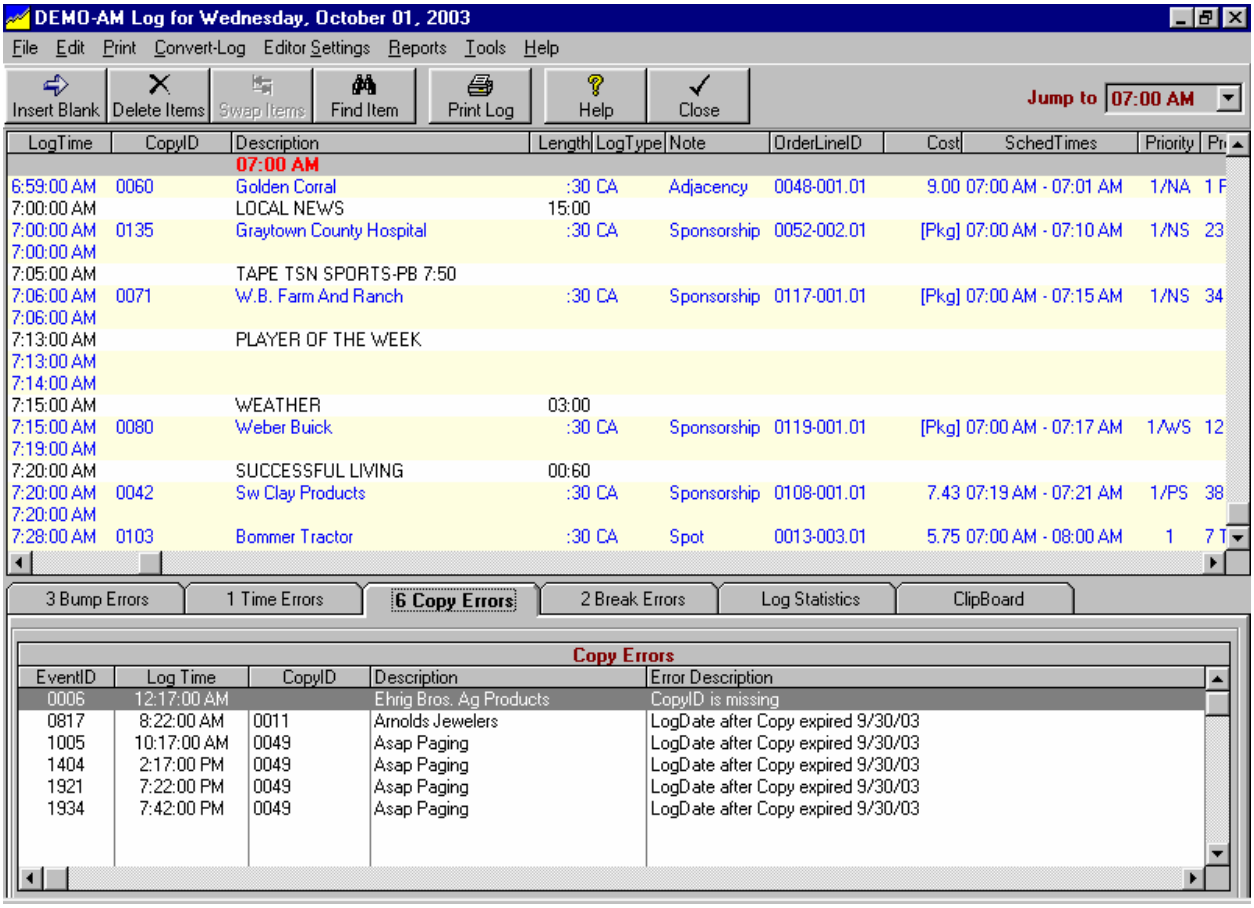
6.03 Log Editor Diagnostics (cont)

Copy Errors Tab

In the Log Editor, click the **[Copy Errors]** tab to see a list of any missing or outdated Copy. These items listed were logged, but something is wrong with the Copy settings.

- If you double-click on an item on this tab, the log position will move to the item causing the error.
- You can display the Copy Manager to correct any copy error.

Copy errors will not prevent an item from being logged and invoiced, but they are an ind9cation something is wrong with the CopyID being scheduled. For example it may be out-of-date copy, it may belong to another customer, or a packet or rotator may not be able to get a usable piece of Copy.


DEMO-AM Log for Wednesday, October 01, 2003
File Edit Print Convert-Log Editor Settings Reports Tools Help
Insert Blank
Delete Items
Swap Items
Find Item
Print Log
Help
Close
Jump to 07:00 AM
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07:00 AM
6:59:00 AM 0060 Golden Corral :30 CA Adjacency 0048-001.01 9.00 07:00 AM - 07:01 AM 1/NA
7:00:00 AM LOCAL NEWS 15:00
7:00:00 AM 0135 Graytown County Hospital :30 CA Sponsorship 0052-002.01 [Pkg] 07:00 AM - 07:10 AM 1/NS
7:00:00 AM
7:05:00 AM TAPE TSN SPORTS-PB 7:50
7:06:00 AM 0071 W.B. Farm And Ranch :30 CA Sponsorship 0117-001.01 [Pkg] 07:00 AM - 07:15 AM 1/NS
7:06:00 AM
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7:13:00 AM
7:14:00 AM
7:15:00 AM WEATHER 03:00
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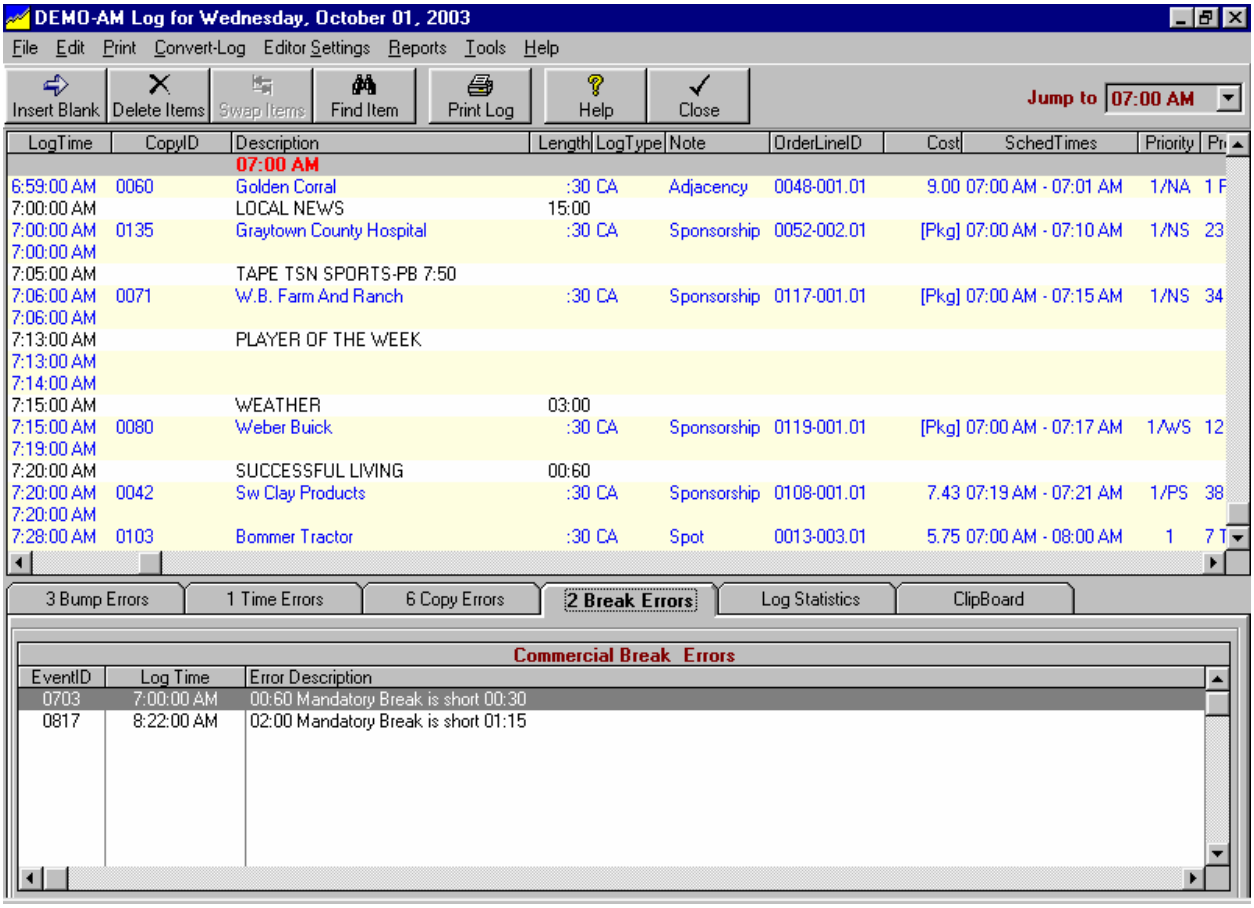
7:19:00 AM
7:20:00 AM SUCCESSFUL LIVING 00:60
7:20:00 AM 0042 Sw Clay Products :30 CA Sponsorship 0108-001.01 7.43 07:19 AM - 07:21 AM 1/PS
7:20:00 AM
7:28:00 AM 0103 Bommer Tractor :30 CA Spot 0013-003.01 5.75 07:00 AM - 08:00 AM 1
3 Bump Errors
1 Time Errors
6 Copy Errors
2 Break Errors
Log Statistics
ClipBoard
Copy Errors
EventID Log Time CopyID Description Error Description
0006 12:17:00 AM Ehrig Bros. Ag Products CopyID is missing
0817 8:22:00 AM 0011 Arnolds Jewelers LogDate after Copy expired 9/30/03
1005 10:17:00 AM 0049 Asap Paging LogDate after Copy expired 9/30/03
1404 2:17:00 PM 0049 Asap Paging LogDate after Copy expired 9/30/03
1921 7:22:00 PM 0049 Asap Paging LogDate after Copy expired 9/30/03
1934 7:42:00 PM 0049 Asap Paging LogDate after Copy expired 9/30/03

6.03 Log Editor Diagnostics (cont)

Break Errors Tab

In the Log Editor, click the **[Break Errors]** tab to see a list of any Mandatory or If-Used break that is long or short of the required length. If you double-click on an item on this tab, the log position will move to the item causing the error.


DEMO-AM Log for Wednesday, October 01, 2003
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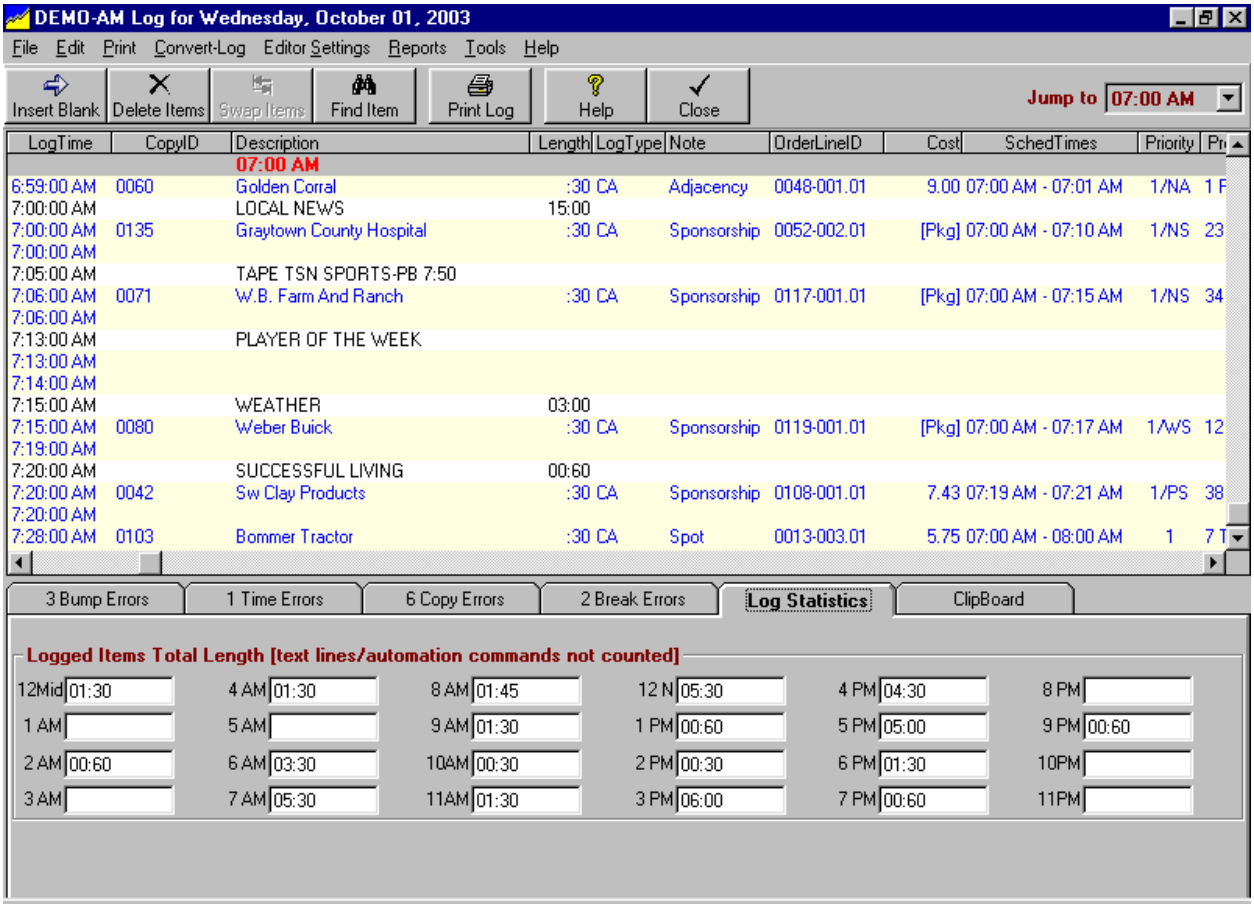
Find Item
Print Log
Help
Close
Jump to 07:00 AM
LogTime CopyID Description Length LogType Note OrderLineID Cost SchedTimes Priority
07:00 AM
6:59:00 AM 0060 Golden Corral :30 CA Adjacency 0048-001.01 9.00 07:00 AM - 07:01 AM 1/NA
7:00:00 AM LOCAL NEWS 15:00
7:00:00 AM 0135 Graytown County Hospital :30 CA Sponsorship 0052-002.01 [Pkg] 07:00 AM - 07:10 AM 1/NS
7:00:00 AM
7:05:00 AM TAPE TSN SPORTS-PB 7:50
7:06:00 AM 0071 W.B. Farm And Ranch :30 CA Sponsorship 0117-001.01 [Pkg] 07:00 AM - 07:15 AM 1/NS
7:06:00 AM
7:13:00 AM PLAYER OF THE WEEK
7:13:00 AM
7:14:00 AM
7:15:00 AM WEATHER 03:00
7:15:00 AM 0080 Weber Buick :30 CA Sponsorship 0119-001.01 [Pkg] 07:00 AM - 07:17 AM 1/WS
7:19:00 AM
7:20:00 AM SUCCESSFUL LIVING 00:60
7:20:00 AM 0042 Sw Clay Products :30 CA Sponsorship 0108-001.01 7.43 07:19 AM - 07:21 AM 1/PS
7:20:00 AM
7:28:00 AM 0103 Bommer Tractor :30 CA Spot 0013-003.01 5.75 07:00 AM - 08:00 AM 1
3 Bump Errors
1 Time Errors
6 Copy Errors
2 Break Errors
Log Statistics
ClipBoard
Commercial Break Errors
EventID Log Time Error Description
0703 7:00:00 AM 00:60 Mandatory Break is short 00:30
0817 8:22:00 AM 02:00 Mandatory Break is short 01:15

6.03 Log Editor Diagnostics (cont)

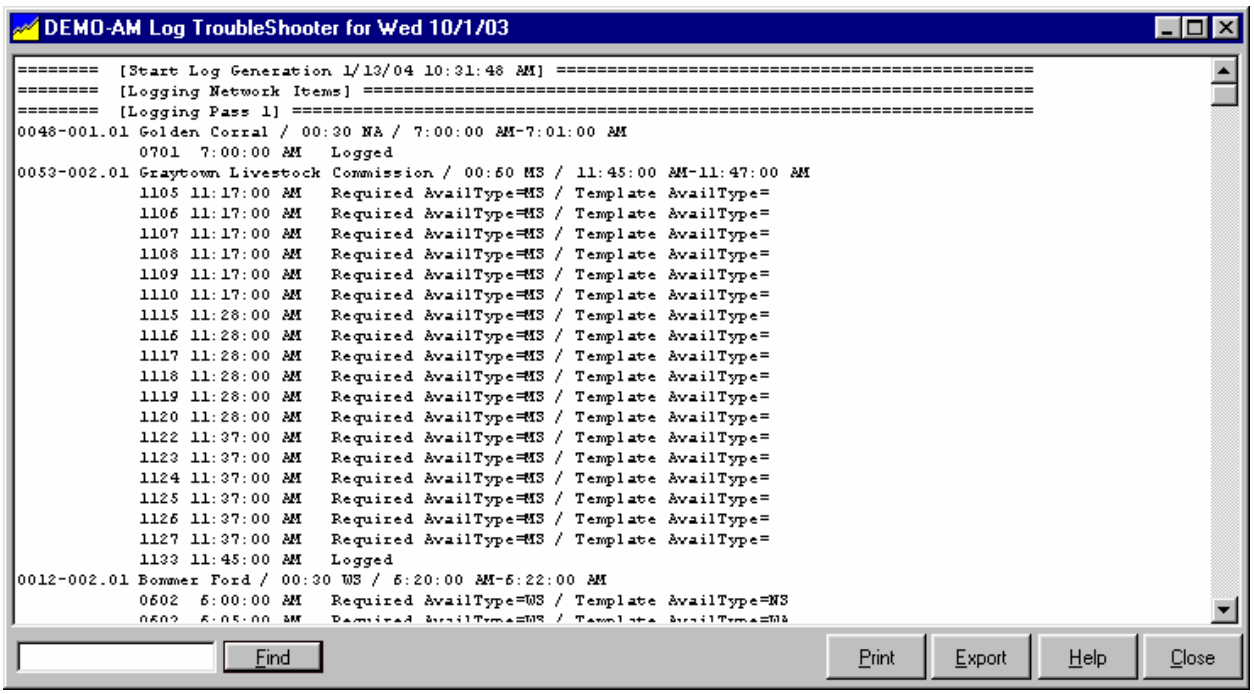
Log Statistics

In the Log Editor, click the **[Log Statistics]** tab to see how much commercial matter is in each hour. If you double-click on an hour this tab, the log position will move to the beginning of that hour.


DEMO-AM Log for Wednesday, October 01, 2003
File Edit Print Convert-Log Editor Settings Reports Tools Help
Insert Blank
Delete Items
Swap Items
Find Item
Print Log
Help
Close
Jump to 07:00 AM
LogTime CopyID Description Length LogType Note OrderLineID Cost SchedTimes Priority
07:00 AM
6:59:00 AM 0060 Golden Corral :30 CA Adjacency 0048-001.01 9.00 07:00 AM - 07:01 AM 1/NA
7:00:00 AM LOCAL NEWS 15:00
7:00:00 AM 0135 Graytown County Hospital :30 CA Sponsorship 0052-002.01 [Pkg] 07:00 AM - 07:10 AM 1/NS
7:00:00 AM
7:05:00 AM TAPE TSN SPORTS-PB 7:50
7:06:00 AM 0071 W.B. Farm And Ranch :30 CA Sponsorship 0117-001.01 [Pkg] 07:00 AM - 07:15 AM 1/NS
7:06:00 AM
7:13:00 AM PLAYER OF THE WEEK
7:13:00 AM
7:14:00 AM
7:15:00 AM WEATHER 03:00
7:15:00 AM 0080 Weber Buick :30 CA Sponsorship 0119-001.01 [Pkg] 07:00 AM - 07:17 AM 1/WS
7:19:00 AM
7:20:00 AM SUCCESSFUL LIVING 00:60
7:20:00 AM 0042 Sw Clay Products :30 CA Sponsorship 0108-001.01 7.43 07:19 AM - 07:21 AM 1/PS
7:20:00 AM
7:28:00 AM 0103 Bommer Tractor :30 CA Spot 0013-003.01 5.75 07:00 AM - 08:00 AM 1
3 Bump Errors
1 Time Errors
6 Copy Errors
2 Break Errors
Log Statistics
ClipBoard
Logged Items Total Length [text lines/automation commands not counted]
12Mid 01:30
1 AM
2 AM 00:60
3 AM
4 AM 01:30
5 AM
6 AM 03:30
7 AM 05:30
8 AM 01:45
9 AM 01:30
10AM 00:30
11AM 01:30
12 N 05:30
1 PM 00:60
2 PM 00:30
3 PM 06:00
4 PM 04:30
5 PM 05:00
6 PM 01:30
7 PM 00:60
8 PM
9 PM 00:60
10PM
11PM

6.04 Tools - Log TroubleShooter

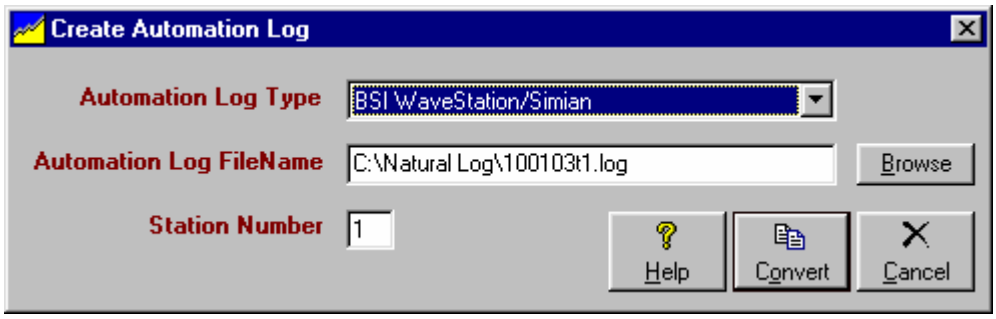
When generating a new Log, NL8 keeps a record of its log actions for troubleshooting. This Activity Log is a plain text list of every item it tried to log and [if not logged] why it could not log the item in each avail slot it tried to use. You can view this only on the Log Editor screen using the **[Tools][Log TroubleShooter]** Log Editor menu choice.


DEMO-AM Log TroubleShooter for Wed 10/1/03
======== [Start Log Generation 1/13/04 10:31:48 AM] ==========
======== [Logging Network Items] ==========
======== [Logging Pass 1] ==========
0048-001.01 Golden Corral / 00:30 NA / 7:00:00 AM-7:01:00 AM
0701 7:00:00 AM Logged
0053-002.01 Graytown Livestock Commission / 00:60 MS / 11:45:00 AM-11:47:00 AM
1105 11:17:00 AM Required AvailType=MS / Template AvailType=
1106 11:17:00 AM Required AvailType=MS / Template AvailType=
1107 11:17:00 AM Required AvailType=MS / Template AvailType=
1108 11:17:00 AM Required AvailType=MS / Template AvailType=
1109 11:17:00 AM Required AvailType=MS / Template AvailType=
1110 11:17:00 AM Required AvailType=MS / Template AvailType=
1115 11:28:00 AM Required AvailType=MS / Template AvailType=
1116 11:28:00 AM Required AvailType=MS / Template AvailType=
1117 11:28:00 AM Required AvailType=MS / Template AvailType=
1118 11:28:00 AM Required AvailType=MS / Template AvailType=
1119 11:28:00 AM Required AvailType=MS / Template AvailType=
1120 11:28:00 AM Required AvailType=MS / Template AvailType=
1122 11:37:00 AM Required AvailType=MS / Template AvailType=
1123 11:37:00 AM Required AvailType=MS / Template AvailType=
1124 11:37:00 AM Required AvailType=MS / Template AvailType=
1125 11:37:00 AM Required AvailType=MS / Template AvailType=
1126 11:37:00 AM Required AvailType=MS / Template AvailType=
1127 11:37:00 AM Required AvailType=MS / Template AvailType=
1133 11:45:00 AM Logged
0012-002.01 Bommer Ford / 00:30 WS / 5:20:00 AM-5:22:00 AM
0502 5:00:00 AM Required AvailType=WS / Template AvailType=WS
Find
Print
Export
Help
Close

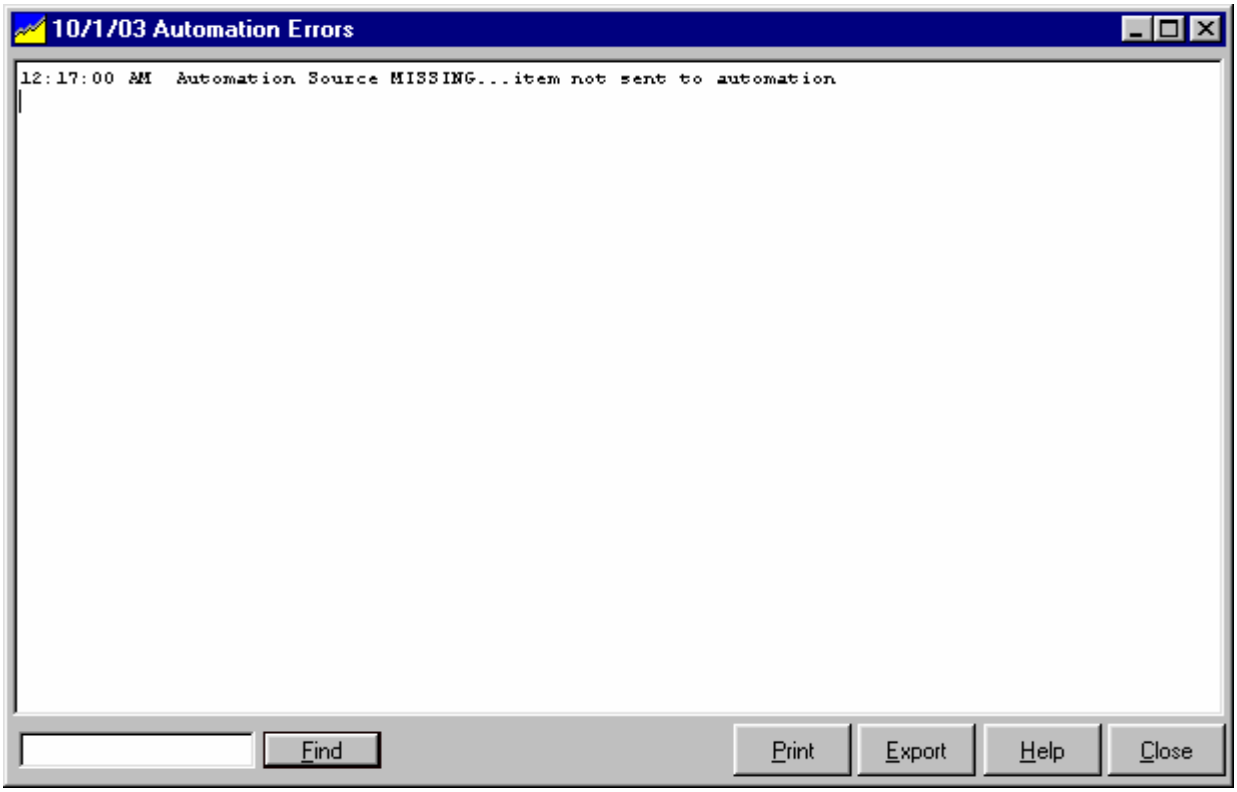
6.05 Creating Automation Logs

Convert Log to Automation Log

In the Log Editor, click **[Convert-Log][Automation Log]** in the Log Editor to create a Log in the appropriate format for the Automation system you selected in Natural Log **[Setup] [Station]**. See Automation Interfacing in Chapter 11 for detailed information on specific automation system logs. See next page for discussion of reconciling NL8 logs with automation play-logs.



- Select the appropriate automation type.
- Click **[Browse]** to tell NL8 where to write the log. NL8 will remember the last path you entered.
- Certain automation systems need a station number. See Chapter 11 for your specific automation type to determine what [if anything] needs to go here.
- Click **[Convert]** when ready.
- If errors are encountered, NL8 will allow you to display the automation log errors.



6.06 Reconciling Automation Play Log

Reconciliation is an optional process whereby the NL8 Log is compared with an actual aired "Play-Log". You may do this manually, by deleting any unplayed items from an NL8 log in the Log Editor. With some automation systems, NL8 can read the automation play-logs or air-logs as described on the next page. This reconciliation process helps:

- Obtain actual playtimes of the items for Invoices/Affidavits
- Be sure missed items are not billed

Note: Only items that exactly match active CopyID's in your NL8 Copy Manager are included in the extra-items list! This prevents non-commercial items such as music, jingles, liners, etc. from showing up as extra items in the log reconciliation.

Automated reconciliation is supported for these automation system play-logs only:

- Arrakis Digilink 3 & 4
- AudioVault
- AutoMate System
- BSI WaveStation/Simian
- Enco DAD
- MusicReady
- MediaTouch
- RadioOne & Waitt radio Network
- RDS Phantom
- Scott Studios AXS and SSDOS/SS32 Systems
- Salsa and Systemation

Reconciliation Window

The NL administrator can set the allowed time difference allowed during reconciliation [see Station Settings in section 2.02 of this manual]. If the time difference between the logged time and the played time is outside this window, NL does not "match" those items. Default value is +/- 60 minutes.

Special Considerations Reading a Simian or WaveStation Event List

The BSI Simian and WaveStation automation can save its event list in one of 2 formats:

- MS Access named as yymmdd.MDB
- ASCII named as yymmdd.LST

The format of the event-list file is user-selected in the **[Tools][Program Options][General]** tab of the Simian. Natural Log can read either file. Just be sure to use the **[Browse]** button on the NL8 Log reconciliation screen to locate the correct file.

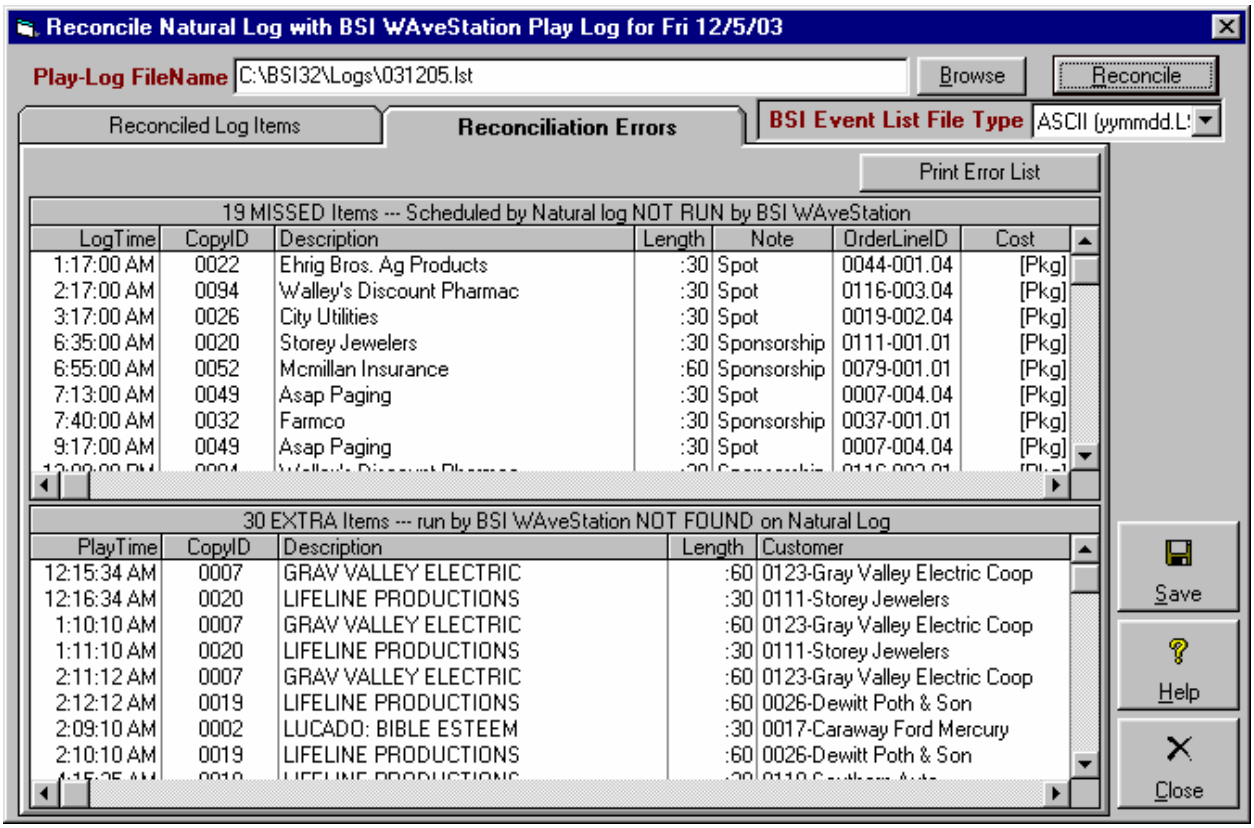
Special Considerations Reading a MusicReady [Windows version] PlayLog

The MusicReady Windows version creates a separate log for each deck. Be sure to read the log for the deck number from which you play your commercials.

Continued on next page.

6.06 Reconciling Automation Log (cont)

In the Log Editor, click **[Convert-Log][Reconcile Schedule-Log with Air-Log]** to read the automation play-log and reconcile it with the NL8 log as originally scheduled. This reads actual runtimes for invoicing and creates a discrepancy report showing items that did not run properly or were not scheduled to play but did play. Use the **[Browse]** button to locate the automation play-log to be read and click **[Reconcile]** to start.


Reconcile Natural Log with BSI WAveStation Play Log for Fri 12/5/03
Play-Log FileName
C:\BSI32\Logs\031205.lst
Browse
Reconcile
Reconciled Log Items
Reconciliation Errors
BSI Event List File Type
ASCII (yymmdd.L
Print Error List
19 MISSED Items --- Scheduled by Natural log NOT RUN by BSI WAveStation
LogTime CopyID Description Length Note OrderLineID Cost
1:17:00 AM 0022 Ehrig Bros. Ag Products :30 Spot 0044-001.04 [Pkg]
2:17:00 AM 0094 Walley's Discount Pharmac :30 Spot 0116-003.04 [Pkg]
3:17:00 AM 0026 City Utilities :30 Spot 0019-002.04 [Pkg]
6:35:00 AM 0020 Storey Jewelers :30 Sponsorship 0111-001.01 [Pkg]
6:55:00 AM 0052 Mcmillan Insurance :60 Sponsorship 0079-001.01 [Pkg]
7:13:00 AM 0049 Asap Paging :30 Spot 0007-004.04 [Pkg]
7:40:00 AM 0032 Farmco :30 Sponsorship 0037-001.01 [Pkg]
9:17:00 AM 0049 Asap Paging :30 Spot 0007-004.04 [Pkg]
30 EXTRA Items --- run by BSI WAveStation NOT FOUND on Natural Log
PlayTime CopyID Description Length Customer
12:15:34 AM 0007 GRAV VALLEY ELECTRIC :60 0123-Gray Valley Electric Coop
12:16:34 AM 0020 LIFELINE PRODUCTIONS :30 0111-Storey Jewelers
1:10:10 AM 0007 GRAV VALLEY ELECTRIC :60 0123-Gray Valley Electric Coop
1:11:10 AM 0020 LIFELINE PRODUCTIONS :30 0111-Storey Jewelers
2:11:12 AM 0007 GRAV VALLEY ELECTRIC :60 0123-Gray Valley Electric Coop
2:12:12 AM 0019 LIFELINE PRODUCTIONS :60 0026-Dewitt Poth & Son
2:09:10 AM 0002 LUCADO: BIBLE ESTEEM :30 0017-Caraway Ford Mercury
2:10:10 AM 0019 LIFELINE PRODUCTIONS :60 0026-Dewitt Poth & Son
Save
Help
Close

Note: Only items that exactly match active CopyID's in your NL8 Copy Manager are included in the extra-items list! This prevents non-commercial items such as music, jingles, liners, etc. from showing up as extra items in the log reconciliation.

Reconciled Log Items tab

NL8 scans the Automation Play-Log and matches all items it can match [within the reconciliation time window as described on the next page] between the NL8 log and the automation log and lists them on the Reconciled Log Items tab. **Note:** The reconciled log item runtimes are not saved until the user clicks **[Save]**.

Reconciliation Errors tab

Any items NL8 cannot match are listed on the Reconciliation Errors tab. These errors include missed items NL8 finds on the NL8 log but cannot match in the Play-Log and extra items it finds on the Play-Log but cannot match in the NL8 log.

Continued on next page.

6.06 Reconciling Automation Log (cont)

Reconciliation Errors - Missed Items

Missed items can be deleted from the NL8 log using 1 of the 2 buttons above the Missed Items display:

[Remove HIGHLIGHTED missed item from Log]
OR
[Remove ALL missed items from Log]

Reconciliation Errors - Extra Items

The user must manually add extra items to the NL8 log if they need to be billed using 1 of 2 buttons below the Extra Items display:

[Add HIGHLIGHTED extra item to log]
OR
[Force-Match HIGHLIGHTED extra item to HIGHLIGHTED missed item above]